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Attorney Docket No. 01447/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**



Applicant(s): Masaharu UCHINO et al

Serial No. : 09/890,441

Filed : July 25, 2001

For : WANDER GENERATOR, AND
DIGITAL LINE TESTER AND
PHASE NOISE TRANSFER...

Art Unit : 2631

**INFORMATION DISCLOSURE STATEMENT
AND**

- (1) STATEMENTS UNDER 37 CFR 1.97(e) and
(2) 37 CFR 1.704(d)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Submitted herewith are:

- (1) Copy of a communication (Search Report) issued from a foreign patent office in a counterpart European application;
- (2) Copies of the cited publications (except for the first four-listed references, which were previously submitted); and
- (3) Forms PTO/SB/08A and 08B. It is requested that an initialed copy of the Forms PTO/SB/08A and 08B be returned to indicate that the publications listed therein have been considered and made of record.

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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lori Valdes

Lori Valdes

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

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All of the cited publications are in the English language.

Each of the cited publications is considered relevant or material to the patentability of the present invention in view of the citation thereof in said communication and for the reasons stated in said communication.

Said communication is in English, thereby satisfying the requirements for a concise explanation of relevance.

As indicated above, copies of EP 828,343, EP 547,271, GB 2,146,205 and "Jitter Accumulation in a simulated 591-2 Mbits/s, 6000km Optical transmission system" are not submitted herewith since these documents were already filed in the Information Disclosure Statement filed February 25, 2003. These four documents are also not listed on the attached Form PTO/SB/08A OR 08B.

STATEMENT UNDER 37 CFR 1.97(e)(1)

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the present Information Disclosure Statement. Said Communication bears a mailing date of June 6, 2003.

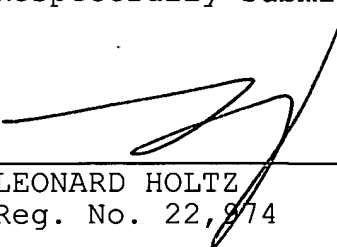
STATEMENT UNDER 37 CFR 1.704(d)

Each item of information contained in this Information Disclosure Statement was cited in said communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in

\$1.56(c) more than thirty days prior to the filing of the present Information Disclosure Statement.

It is respectfully requested that the attached publications be considered and made of record.

Respectfully submitted,



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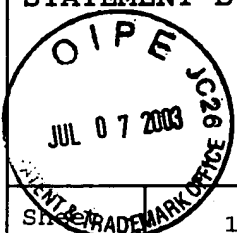
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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number		09/890,441	
		Filing Date		July 25, 2001	
		First Named Inventor		Masaharu UCHINO et al	
		Group Art Unit		2631	
		Examiner Name		JUL 11 2003	
Sheet 1	of 2	Attorney Docket Number		01447/LH	

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U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		5,515,404		PEARCE	05-07-1996	
		5,014,231		REINHARDT et al	05-07-1991	
		4,901,265		KERR et al	02-13-1990	
		4,539,518		KITAYOSHI	09-03-1985	
		5,557,196		UJIIE	09-17-1996	
		4,539,709		CONNER	09-03-1985	
		3,619,774		LANDWEHR	11-09-1971	
		5,835,501		DALMIA et al	11-10-1998	
		5,754,437		BLAZO	05-19-1998	

FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		EP	0 823 700	A	NDS LIMITED	02-11-1998		
		GB	2,158,254	A	HEKIMIAN	11-06-1985		

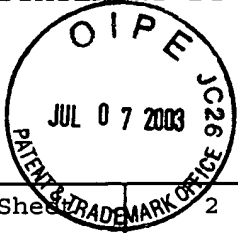
Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: **July 7, 2003**



Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	09/890,441
		Filing Date	July 25, 2001
		First Named Inventor	Masaharu UCHINO et al
		Group Art Unit	2631
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	01447/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		<p>M. CARBONELLI et al, "Jitter and Wander Performance in Synchronization Distribution Chains", Instrumentation and Measurement Technology Conference 1996, Conference Proceedings, Quality Measurements: The Indispensable Bridge Between Theory and Reality, IEEE Brussels, Belgium, 4-6 June 1996, pp. 44-47.</p> <p>S. BREGNI et al, "Simulation of Clock Noise and US-4 Pointer Action in SDH Equipment", Global Telecommunications Conference 1995, Conference Record, Communication Theory Mini-Conference, GLOBECOM '95, IEEE Singapore 13-17 Nov. 1995 pp. 56-60.</p> <p>P.E. SHOLANDER et al, "Mapping Wander in SONET/SDH Fixed Threshold and Uniform Pointer Processors", Global Telecommunications Conference 1995, Conference Record, Communication Theory Mini-Conference, GLOBECOM '95, IEEE Singapore 13-17 November 1995, pp. 50-55.</p> <p>S. BREGNI et al, "Jitter Testing Technique and Results at VC-4 Desynchronizer Output of SDH Equipment", IEEE Transactions on Instrumentation and Measurement, Vol. 44, No. 3, June 1, 1995, pp. 675-678.</p> <p style="text-align: right; font-size: 1.2em;"> RECEIVED JUL 11 2003 Technology Center 2600 </p>	
Examiner Signature		Date Considered	

* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPBP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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